

Date: Friday, 11/17/2006 10:06:01 AM
 User: Kim Johnston

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services		Drawing Name	: 02.750 SUPPORT		
Job Number	: 29524					
Estimate Number	: 10829					
P.O. Number	: N/A			Part Number	: D28931	
This Issue	: 11/17/2006 S.O. No. : N/A			Drawing Number	: D2893 REV A1	
Prsh Rev.	: NC			Project Number	: N/A	
First Issue	: N/A			Drawing Revision	: A1	
Previous Run	: 29073			Material	: N/A	
Written By	:			Due Date	: 12/5/2006	
Checked & Approved By	:			Qty:	20	
Comment	: Est: C 02.1.26 Reformat; Added P/O KJ est D 06.04.19 removed alodine EC			Um:	Each	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :	
1.0	PG	PURCHASING	
		Comment: PURCHASING Issue P/O: 2511 Description: D6104-005 Material: 17-4 PH SS (AMS 5643 OR AISI 630) as per Dwg D6104 Material release note required.	
2.0	D6104005	17-4 SS Roundbar 4.00"OD	
		Comment: Qty.: 1.0000 Each(s)/Unit Total : 20.0000 Each(s) Support B29524	
3.0	PACKAGING 1	PACKAGING RESOURCE #1	
		Comment: PACKAGING RESOURCE #1 Recieve & Inspect for Transit Damage Ensure Material Release Note is attached	
4.0	MORI SEIKI	MORI SEIKI CNC LATHE LARGE	
		Comment: MORI SEIKI CNC LATHE LARGE Turn blank for Haas as per Folio FA081	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA:  Date: 06/12/14
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Friday, 11/17/2006 10:06:01 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 02.750 SUPPORT

Job Number: 29524

Part Number: D28931

Job Number:



Seq. #: Machine Or Operation:

Description :

5.0 QC2

INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

BS/M8 06/11/30 20

6.0 HAAS1

HAAS CNC VERTICAL MACHINING #1



Comment: BAND SAW ← ???

Machine as per Folio FA081

Tumble & Deburr

J/G 06/12/04 60

7.0 QC2

INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT ALL DIM TO DIM SHEET

J/G 06/12/04 26

8.0 QC8

SECOND CHECK



Comment: SECOND CHECK

and 06/12/11 60

9.0 POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

M.H.P.M 06/12/12 90

10.0 QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

CB 06/12/13 40

11.0 PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: ST359

CB 06/12/13 90

12.0 QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

CB 06/12/14 40

Job Completion



CB 06/12/14

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	29524
Description: Ø2.750 Support	Part Number:	D2893-1
Inspection Dwg: D2893 Rev. A1		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2893 Rev A1/DSK078 Rev A and record below:

Dim	Min	Max	Go/No Go Gauge	Recorded Actual Dimensions				By	Date
				1	2	3	4		
Lathe Section									
A	2.707	2.712		2.711	2.712	2.712	2.712	M8	06/11/130
B	4.946	4.966		4.946	4.947	4.946	4.956		
C	3.064	3.084		3.078	3.078	3.076	3.070		
D	0.718	0.738		.726	.728	.728	.728		
E	0.090	0.110		.103	.100	.100	.100		
F	2.934	2.954		2.944	2.944	2.944	2.944		
G	2.166	2.186		2.177	2.175	2.176	2.176		
H	3.890	3.910		3.900	3.900	3.898	3.898		
I	0.914	0.934		.928	.924	.924	.924		
J	0.022	0.042		.032	.032	.032	.032		
K	0.109	0.129		.118	.119	.118	.117		
L									
HAAS Section									
AA	2.985	3.005		2.995	2.994	2.994	2.994		
AB	0.440	0.460		0.440	0.454	0.451	0.440		
AC	0.125	0.160		0.140	0.144	0.139	0.144		
AD	0.040	0.060		0.053	0.044	0.051	0.042		
AE	0.188	0.193	-DT8706	0.190	0.189	0.189	0.189		
AF	0.125	0.160		0.146	0.130	0.140	0.136		
AG	0.140	0.160		0.151	0.154	0.152	0.152		
AH	1.360	1.400		1.370	1.380	1.377	1.380		
AI	0.040	0.060		0.056	0.045	0.046	0.046		
AJ	1.190	1.230		1.216	1.219	1.219	1.220		
AK	0.010	0.020		0.015	0.015	0.015	0.015		
AL	0.053	0.073		0.063	0.063	0.063	0.063		
AM	0.240	0.260		0.250	0.250	0.250	0.250		
AN	2.518	2.538		—	2.578	2.578	2.578		
AO	84.39	90.39	-DT8609	87.39	87.39	87.39	87.39		
AP	0.257	0.262	-DT8603	0.258	0.260	0.265	0.260		
AQ	0.053	0.073		0.063	0.063	0.063	0.063		
AR									
AS									
Accept/Reject				6/11/130					

Measured by:	M8 / S.G	6/11/130	Audited by:	ml
Date:	06/11/130	106/11/104	Date:	06/12/11

Rev	Date	Change	Revised by	Approved
A	02.12.13	New Issue	KJ/RF	#

DART AEROSPACE LTD	Work Order:	29524
Description: Ø2.750 Support	Part Number:	D2893-1
Inspection Dwg: D2893 Rev. A1		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2893 Rev A1/DSK078 Rev A and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	.25	.26	.27	.28	By	Date
Lathe Section									
A	2.707	2.712		2.712	2.712	2.712	2.712	M8	06/11/30
B	4.946	4.966		4.956	4.956	4.956	4.956		
C	3.064	3.084		3.076	3.076	3.076	3.076		
D	0.718	0.738		.726	.726	.726	.726		
E	0.090	0.110		.103	.103	.102	.102		
F	2.934	2.954		2.944	2.944	2.944	2.944		
G	2.166	2.186		2.177	2.175	2.176	2.176		
H	3.890	3.910		3.898	3.898	3.898	3.898		
I	0.914	0.934		.924	.924	.924	.924		
J	0.022	0.042		.032	.032	.032	.032		
K	0.109	0.129		.117	.117	.117	.117		
L									
HAAS Section									
AA	2.985	3.005		2.992	2.997	2.995	2.996		
AB	0.440	0.460		0.445	0.445	0.442	0.444		
AC	0.125	0.160		0.137	0.140	0.137	0.139		
AD	0.040	0.060		0.048	0.052	0.047	0.051		
AE	0.188	0.193	DT8706	0.189	0.189	0.189	0.189		
AF	0.125	0.160		0.140	0.141	0.142	0.143		
AG	0.140	0.160		0.149	0.151	0.157	0.151		
AH	1.360	1.400		1.383	1.382	1.381	1.381		
AI	0.040	0.060		0.045	0.053	0.052	0.053		
AJ	1.190	1.230		1.224	1.225	1.228	1.221		
AK	0.010	0.020		0.015	0.015	0.015	0.015		
AL	0.053	0.073		0.063	0.063	0.063	0.063		
AM	0.240	0.260		0.250	0.260	0.260	0.260		
AN	2.518	2.538		2.528	2.528	2.528	2.528		
AO	84.39	90.39	DT8699						
AP	0.257	0.262	DT8683	0.260	0.260	0.260	0.260		
AQ	0.053	0.073		0.063	0.063	0.063	0.063		
AR									
AS									
Accept/Reject									

Measured by:	M8 / Ep / 5.6	Audited by:	Anz
Date:	06/11/30	Date:	06/12/11

Rev	Date	Change	Revised by	Approved
A	02.12.13	New Issue	KJ/RF	#

DART AEROSPACE LTD	Work Order:	29524
Description: Ø2.750 Support	Part Number:	D2893-1
Inspection Dwg: D2893 Rev. A1		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2893 Rev A1/DSK078 Rev A and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	.09	.10	.11	.12	By	Date
Lathe Section									
A	2.707	2.712		2.712	2.712	2.712	2.712	M8	06/11/30
B	4.946	4.966		2.956	2.956	2.956	2.956		
C	3.064	3.084		3.076	3.076	3.076	3.076		
D	0.718	0.738		.728	.726	.728	.728		
E	0.090	0.110		.102	.102	.102	.102		
F	2.934	2.954		2.944	2.944	2.944	2.944		
G	2.166	2.186		2.178	2.178	2.178	2.178		
H	3.890	3.910		3.898	3.898	3.898	3.898		
I	0.914	0.934		.921	.921	.921	.921		
J	0.022	0.042		.032	.032	.032	.032		
K	0.109	0.129		.117	.117	.117	.117		
L									
HAAS Section									
AA	2.985	3.005		2.995	2.995	2.996	2.995		
AB	0.440	0.460		0.445	0.445	0.446	0.447		
AC	0.125	0.160		0.140	0.140	0.146	0.146		
AD	0.040	0.060		0.052	0.051	0.052	0.051		
AE	0.188	0.193	DT8706	0.190	0.190	0.190	0.190		
AF	0.125	0.160		0.141	0.141	0.142	0.142		
AG	0.140	0.160		0.150	0.150	0.150	0.150		
AH	1.360	1.400		1.383	1.383	1.383	1.383		
AI	0.040	0.060		0.045	0.046	0.049	0.048		
AJ	1.190	1.230		1.224	1.224	1.224	1.224		
AK	0.010	0.020		0.015	0.015	0.015	0.015		
AL	0.053	0.073		0.063	0.063	0.063	0.063		
AM	0.240	0.260		0.250	0.250	0.250	0.250		
AN	2.518	2.538		2.528	2.528	2.528	2.528		
AO	84.39	90.39	DT8699						
AP	0.257	0.262	DT8683	0.258	0.258	0.258	0.258		
AQ	0.053	0.073		0.063	0.063	0.063	0.063		
AR									
AS									
Accept/Reject									

Measured by:	M8 / J.G	Audited by:	CMK
Date:	06/11/30 / 06/12/07	Date:	06/12/11

Rev	Date	Change	Revised by	Approved
A	02.12.13	New Issue	KJ/RF	#

DART AEROSPACE LTD	Work Order:	29526
Description: Ø2.750 Support	Part Number:	D2893-1
Inspection Dwg: D2893 Rev. A1		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2893 Rev A1/DSK078 Rev A and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	.13	.14	.15	.16	By	Date
Lathe Section									
A	2.707	2.712		2.712	2.712	2.712	2.712	M8	06/11/30
B	4.946	4.966		4.956	4.956	4.956	4.956		
C	3.064	3.084		3.074	3.075	3.075	3.075		
D	0.718	0.738		.728	.728	.728	.728		
E	0.090	0.110		.100	.100	.100	.100		
F	2.934	2.954		2.944	2.945	2.945	2.945		
G	2.166	2.186		2.176	2.176	2.176	2.176		
H	3.890	3.910		3.898	3.899	3.899	3.899		
I	0.914	0.934		.924	.925	.925	.925		
J	0.022	0.042		.032	.032	.032	.032		
K	0.109	0.129		.117	.117	.117	.117		
L									
HAAS Section									
AA	2.985	3.005		2.995	2.995	2.996	2.997		
AB	0.440	0.460		0.445	0.444	0.450	0.450		
AC	0.125	0.160		0.145	0.144	0.143	0.139		
AD	0.040	0.060		0.050	0.054	0.044	0.047		
AE	0.188	0.193	DT8706	0.190	0.190	0.190	0.190		
AF	0.125	0.160		0.141	0.144	0.137	0.137		
AG	0.140	0.160		0.142	0.144	0.152	0.152		
AH	1.360	1.400		1.383	1.384	1.378	1.381		
AI	0.040	0.060		0.045	0.044	0.051	0.049		
AJ	1.190	1.230		1.924	1.924	1.225	1.224		
AK	0.010	0.020		0.015	0.015	0.015	0.015		
AL	0.053	0.073		0.063	0.063	0.063	0.063		
AM	0.240	0.260		0.250	0.250	0.250	0.250		
AN	2.518	2.538		2.528	2.528	2.528	2.528		
AO	84.39	90.39	DT8699	✓	✓	✓	✓		
AP	0.257	0.262	DT8683	0.258	0.258	0.258	0.258		
AQ	0.053	0.073		0.063	0.063	0.063	0.063		
AR									
AS									
Accept/Reject									

Measured by:	M8 / J.G	Audited by:	✓
Date:	06/11/30 / 06/12/08	Date:	06/12/11

Rev	Date	Change	Revised by	Approved
A	02.12.13	New Issue	KJ/RF ✓	✓

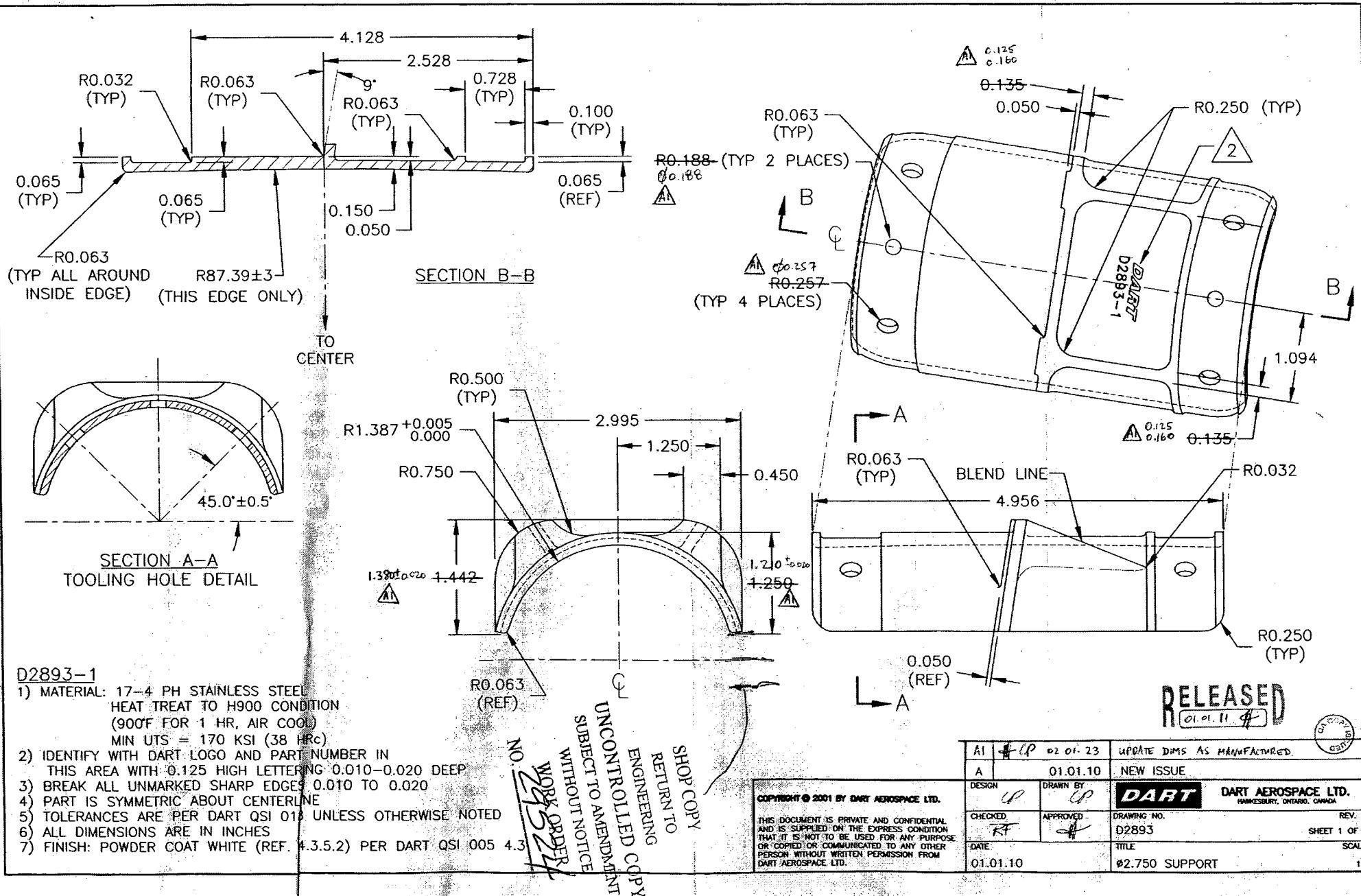
DART AEROSPACE LTD	Work Order:	29524
Description: Ø2.750 Support	Part Number:	D2893-1
Inspection Dwg: D2893 Rev. A1		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2893 Rev A1/DSK078 Rev A and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	17	18	19	20	By	Date
Lathe Section									
A	2.707	2.712		2.712	2.712	2.712	2.712	MS	06/11/30
B	4.946	4.966		4.956	4.956	4.956	4.956		
C	3.064	3.084		3.078	3.076	3.077	3.077		
D	0.718	0.738		.728	.728	.728	.728		
E	0.090	0.110		.102	.102	.102	.102		
F	2.934	2.954		2.945	2.944	2.944	2.944		
G	2.166	2.186		2.171	2.176	2.176	2.176		
H	3.890	3.910		3.900	3.900	3.900	3.900		
I	0.914	0.934		.924	.924	.924	.924		
J	0.022	0.042		.032	.032	.032	.032		
K	0.109	0.129		.117	.117	.117	.117		
L									
HAAS Section									
AA	2.985	3.005		2.996	2.995	2.995	2.998		
AB	0.440	0.460		0.450	0.450	0.450	0.450		
AC	0.125	0.160		0.138	0.148	0.147	0.143		
AD	0.040	0.060		0.054	0.049	0.049	0.049		
AE	0.188	0.193	DT8706	0.189	0.189	0.189	0.189		
AF	0.125	0.160		0.138	0.146	0.144	0.139		
AG	0.140	0.160		0.147	0.152	0.151	0.149		
AH	1.360	1.400		1.381	1.378	1.381	1.380		
AI	0.040	0.060		0.049	0.045	0.048	0.047		
AJ	1.190	1.230		1.224	1.218	1.221	1.219		
AK	0.010	0.020		0.015	0.015	0.015	0.015		
AL	0.053	0.073		0.063	0.063	0.063	0.067		
AM	0.240	0.260		0.250	0.250	0.250	0.250		
AN	2.518	2.538		2.528	2.528	2.528	2.528		
AO	84.39	90.39	DT8699						
AP	0.257	0.262	DT8683	0.259	0.259	0.259	0.259		
AQ	0.053	0.073		0.063	0.063	0.063	0.063		
AR									
AS									
Accept/Reject									

Measured by:	MS / EP	Audited by:	✓
Date:	06/11/30 66/17/16	Date:	06/12/11

Rev	Date	Change	Revised by	Approved
A	02.12.13	New Issue	KJ/RF ✓	✓



11-10-'06 04:43 FROM-

Product Certification Report

Report Number: 4233910



VALBRUNA
SLATER STAINLESS, INC.
2400 Taylor Street West, P.O. Box 630
Fort Wayne, Indiana USA 46801
Phone: 260-434-2892 Fax: 260-434-2805

Certified on Nov 07, 2006 Page 1 of 2

Order I.D.	Order Date	Commodity Code	Dim 1	Dim 2	Dim 3	Heat I.D.	Customer I.D.	Customer Purchase Order
0601219 001	4/10/06	14996	.0000	.0000	.0000	242613	001123	01-16285
Product Shape		Product Surface						
Rounds		Centerless Ground/Cold Finish						
Length (Inches)	132.000 Min.	156.000 Max.				Bill of Lading #	Weight:	Customer Grade
To						404301		17-4

Ship To **CASTLE METALS**
3400 NORTH WOLF ROAD
FRANKLIN PARK, IL 60131

Sold To

VALBRUNA STAINLESS, INC.
2400 TAYLOR STREET WEST
FORT WAYNE, IN 46802

Lift #: 0047

AISI 630
UNS S17400
AMS 2303E

CONDITION A
ASTMA 564-04
AMS 56430

3174-03 Rev 18 DTD 07/15/05
ASME SA 564 01 ED 2002 ADD

CHEMICAL ANALYSIS

C	Mn	P	S	S1	Cr	Ni	Mo	Cu	N	Cb	Ta	Cb+Ta
.037	.52	.023	.020	.47	15.64	4.61	.15	3.35	.04	.37	.001	.37

HB

342

TENSILE PROPERTIES

CAPABILITY	HB	TS (PSI)	.2%YS (PSI)	%EL(2")	%RA	AGE(S)
	419	204000	190500	14.2	49.0	900

MAGNETIC PARTICLE TEST

FREQ SEV

AVG .00 .00

PRODUCTION HEAT TREATMENT
SOL-ANN(F) SOL-ANN(HR) QUENCH
1900 7.75 Air

MACRO ASTM E340/E381

MACRO

OK

OK

OK

PERCENT FERRITE

% FERRITE

AVG 1.0

Reduction ratio 5 To 1 Min.

Electric Furnace melted; AOD refined.

Ultrasonic test OK.

Chemical testing performed to one or several of the following ASTM methods: E415, E572, E1019, E1085, E108

No mercury or low melting alloy contamination. No weld repair.

Material melted in Italy, manufactured in the United States.

Material conforms to listed specifications.

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes, including Federal law, Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info.

I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

1070-UW

Dennis Haakoff

NOV. 9, 2006 11:31AM

**VALBRUNA****SLATER STAINLESS, INC.**

2400 Taylor Street West, P.O. Box 630
Fort Wayne, Indiana USA 46801
Phone: 260-434-2882 Fax: 260-434-2884

Product Certification Report**Report Number: 4233910****Certified on Nov 07, 2006 Page 2 of 2**

Order I.D.	Order Date	Commodity Code				
0601219_001	4/10/06	14996				
Dim 1	Dim 2	Dim 3	Matl I.D.	Customer I.D.	Customer Purchase Order	
4.0000	.0000	.0000	242613	001123	01-16288	
Product Shape		Product Surface			Customer Grade	
Rounds		Centerless Ground/Cold Finish			17-4	
Length (Inches)		S/N of Loading #		Weight		
132.000 Min. 156.000 Max.		404301				

Ship To: CASTLE METALS
3400 NORTH WOLF ROAD
FRANKLIN PARK, IL 60131

Sold To: VALBRUNA STAINLESS, INC.
2400 TAYLOR STREET WEST
FORT WAYNE, IN 46802

Quality system is compliant with ISO 9001:2000. Produced in accordance with EN 10204 3.1B.

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes, including Federal law, Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info. I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

NOV. 9, 2006 11:31AM
N0. 3231 p. 15
Dennis Hackett

**VALBRUNA**

SLATER STAINLESS, INC.

2400 Taylor Street West, P.O. Box 630
Fort Wayne, Indiana USA 46801
Phone: 260-434-2892 Fax: 260-434-2905

Product Certification Report**Report Number: 4213510****Certified on Aug 29, 2006 Page 1 of 2**

Order I.D.	Order Date	Commodity Code				
Dim 1	Dim 2	Dim 3	Heat I.D.	Customer I.D.	Customer Purchase Order	
0600410 001	2/14/06	14996	042620	001123	01-12439	
Product Shape	Product Surface					
Rounds	Centerless Ground/Cold Finish				Customer Grade	17-4
Length (Inches)	Bill of Lading #		Weight			
132.000 Min.	156.000 Max.	403806				

Ship To: CASTLE METALS
3400 NORTH WOLF ROAD
FRANKLIN PARK, IL 60131

Sold To:

VALBRUNA STAINLESS, INC.
2400 TAYLOR STREET WEST
FORT WAYNE, IN 46802

Lifts: 0025 0030

AISI 630

CONDITION A

3174-03 Rev 18 DTD 07/15/05

UNS S17400

ASTMA 564-04

ASMESA 564 01 ED 2002 ADD

AMS 2303E

AMS 5643Q

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	N	Cb	Ta	Cb+Ta
040	.55	.022	.026	.38	15.80	4.33	.21	3.33	.04	.28	.010	.29
HB												

361

TENSILE PROPERTIES**CAPABILITY**

HB	TS (PSI)	.2%YS (PSI)	%EL(2")	%RA	AGE(F)
430	205000	193300	12.9	54.6	900

MAGNETIC PARTICLE TEST

FREQ SEV

AVG .20 .13

PRODUCTION HEAT TREATMENT

SOL-ANN(F)	SOL-ANN(HR)	QUENCH
1900	7.75	Air

MACRO ASTM E340/E381

MACRO

OK

OK

OK

PERCENT FERRITE

% FERRITE

AVG .5

CASTLE METALS FP

DATE 8-29-06

14996

APPROVED BY: Jf

Reduction ratio 5 To 1 Min.

Electric Furnace melted; AOD refined.

Ultrasonic test OK.

We certify that the contents of this report are correct and that all operations performed by our company or subcontractors are in compliance with material specifications and the ASME Boiler & Pressure Code, Section III, Section III, Subsection NCA-3800, 2001 edition, 02 Addenda
Chemical testing performed to one or several of the following ASTM methods: E415, E572, E1019, E1085, E1086

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes, including Federal law, Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info.

I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

Dennis Hackett

08-30-'06 01:35 FROM-

T-709 P001/017 F-919

T-709 P002/017 F-919



VALBRUNA

SLATER STAINLESS, INC.
2400 Taylor Street West, P.O. Box 630
Fort Wayne, Indiana USA 46801
Phone: 260-434-2892 Fax: 260-434-2905

Product Certification Report

Report Number: 4213510

Certified on Aug 29, 2006 Page 2 of 2

Order I.D.	Order Date	Commodity Code			
0600410 001	2/14/06	14996			
Dim 1	Dim 2	Dim 3	Heat I.D.	Customer I.D.	Customer Purchase Order
4.0000	.0000	.0000	042620	001123	01-12439
Product Shape	Product Surface			Customer Grade	
Rounds	Centerless Ground/Cold Finish			17-4	
Length (Inches)	Bill of Lading #		Weight		
132.000 Min.	156.000 Max.		403806		

Ship To: CASTLE METALS
3400 NORTH WOLF ROAD
FRANKLIN PARK, IL 60131

Sold To:

VALBRUNA STAINLESS, INC.
2400 TAYLOR STREET WEST
FORT WAYNE, IN 46802

No mercury or low melting alloy contamination. No weld repair.
Material melted and manufactured in the United States.
Material conforms to listed specifications.
Quality system is compliant with ISO 9001:2000. Produced in accordance with EN 10204 3.1B.

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes, including Federal law, Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info.

I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

Dennis Hacken

